

Village of Oswego Capital Improvement Program (CIP) Fiscal Years TY24-2043

The Village adopted this Capital Improvement Plan on April 16, 2024. A summary of the first five years of the CIP is included within the Annual Village Budget since the Transition Year 2024 capital projects are included in the Budget. The goal of the CIP is to assist the Village Board and Staff in the long-term financial planning of capital improvements. The Strategic Plan adopted by the Village in February 2022 provided guidance in prioritizing capital improvements through fiscal year 2025. Some of the capital improvement items mentioned within the Strategic Plan are listed below.

- ❖ Infrastructure for roadways and water/sewer lines
- ❖ Securing future water source and funding
- ❖ Improvement of Wolf's Crossing Road

Background

The population of Oswego increased from 13,000 residents in calendar year 2000 to 34,585 residents (official Census 2020). Development over the past 20 years created new subdivisions, commercial development and a host of public infrastructure improvements created miles of roadways, curb and gutter, water mains, sewer mains, storm sewers, street lighting, traffic signals, wells and water towers, street signage and village-maintained landscaping. The Village is responsible for the maintenance and future replacement of this entire infrastructure. Planning for all the infrastructure allows the Village to appropriately schedule and secure funding to maintain all the infrastructure at acceptable levels for the residents now and in the future.

Capital Planning

The Capital Planning process is a financial tool used to plan for future infrastructure replacement. By identifying the future costs and year of replacement for the respective project/infrastructure improvement, action can be taken to determine the sources of funding to pay for the capital item. Accumulating the money over time or using debt financing are a couple of possible funding options. The end product of this planning is formally known as a Capital Improvement Plan/Program (CIP).

Capital Improvement Plan (Program), or CIP, is a short-range plan, usually four to ten years, which identifies capital projects and equipment purchases, provides a planning schedule and funding options for the plan.

***Capital Improvement/Project-** a capital improvement is a substantial, nonrecurring expenditure for a physical improvement with a useful life greater than one year. Repairs and maintenance expenditures are generally not considered as capital improvements unless the repair extends the useful life or productive capacity of the asset. Capital improvements/projects/outlay included in the CIP have a cost equal to or greater than \$25,000. Vehicle replacements are included in the CIP for long term planning purposes.*

Category Descriptions

Capital projects are all categorized for ease of identification, review, and funding status. The following categories are utilized.

Amenities-a desirable or useful feature or facility to provide convenience, comfort, or enjoyment to the residents of Oswego.

Facilities- Facilities include three Village buildings and grounds related items. Buildings have long useful lives requiring costly repairs to maintain the buildings in good condition. Newly constructed facilities, major renovations or expansion of existing facilities are also capital items.

Other- Items in this category are those that are of a community wide nature such as signage, costly non-registered/titled equipment, and items not specific to one of the other categories of the CIP.

Vehicles/equipment- All titled or registered mobile equipment including vehicles, tractors, trucks, trailers, generators, etc. are listed within this category. Replacement is based on the estimated useful life of the vehicle/equipment, overall usage, and condition of the item.

Public Improvements -This category is for all public improvements that enhance the quality of life for residents and visitors.

Roadway Improvements- Roadways include all structures and appurtenances associated with the Village's roadway system including streets, sidewalks, paths, streetlights, roadway drainage and storm water systems, pavement markings, signs, curb and gutter, bridges, culverts, traffic control signals and parkway landscaping.

Water & Sewer Improvements-Water and sewer utilities are comprised of infrastructure related to the Village's water main and sanitary sewer collection systems. They include water mains, fire hydrants, valves, services, wells, pressure adjusting stations, water towers, pumping stations, water treatment systems, sanitary sewer mains, laterals, manholes, lift stations, force mains and other components.

Capital Plan Funding

Funding is a major concern for the Village as the total of identified capital projects is far greater than the current revenue streams. The Village of Oswego uses the following available revenue sources to fund capital improvements.

General Obligation Bonds	General operating revenues
Grants/donations	Debt issuance & other borrowings
Developer contributions	Motor Fuel tax revenue
Water & Sewer operating revenues	Transportation Relief Act revenue
Roadway capital improvement fees	

The Village actively solicits financial assistance or engages in partnerships with other units of government to secure grants or other cost-sharing participation for completion of capital projects. The Village has earmarked specific revenue sources for capital improvements in the past using some of the revenue sources listed here.

- Gasoline tax
- Real Estate Transfer Tax
- Local sales tax increase
- Tax increment financing (TIF)
- General Obligation Bonds
- Special service area tax
- Sales taxes
- Utility tax increases
- Water & sewer utility surcharges
- Storm water fees

Currently, the Village has dedicated 60% of the local sales tax received for funding capital projects. State shared revenues are the major sources of revenue for the Village allowing capital improvements to be completed. Concerns of the Village are the external threats from legislative changes to reduce these

existing revenues, such as State-shared revenue distribution formulas, which would have the potential to impact the long-term viability of the funding from General Fund operating revenues for the CIP.

Capital improvements to our water distribution and sanitary sewage collection systems are normally funded entirely from user fees billed to customers. Billing rates are established to cover both the day-to-day costs of operating these systems as well as to fund capital improvements and infrastructure improvements to the systems.

Fiscal Year 2024-2028 CIP

The CIP has listed expenditures over the next five years totaling more than \$56 million. The Village Board and staff review the listed capital projects annually to determine priorities, determine project timing, determine the need for the project and identify funding sources. The following table lists all identified projects by category.

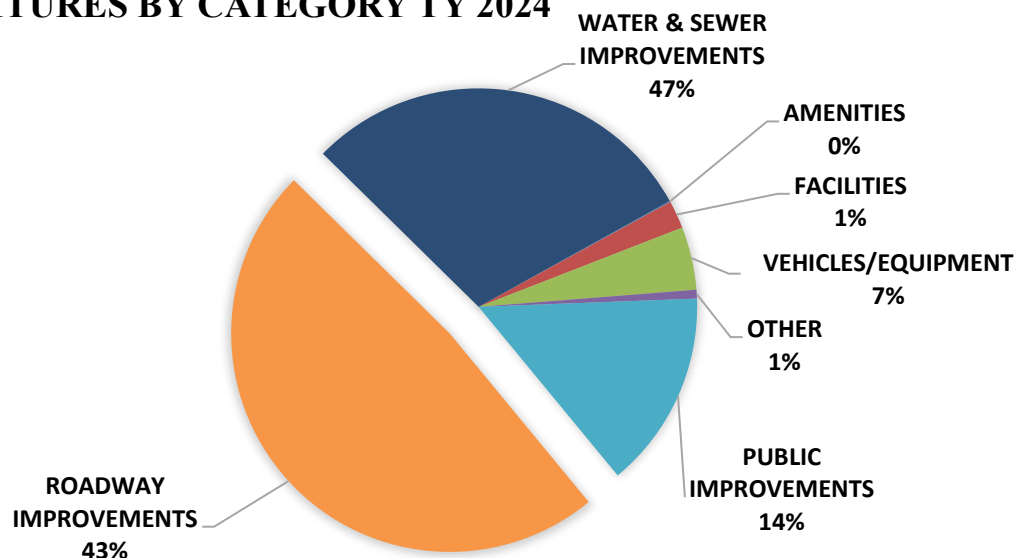
Projects By Category	TY24	CY25	CY26	CY27	CY28	TOTAL
Facilities	\$ 190,000	\$ 4,697,200	\$ 46,000	\$ 8,000	\$ 903,320	\$ 5,844,520
Other	\$ -	\$ 240,000	\$ -	\$ 535,000	\$ 20,000	\$ 795,000
Public Improvements	\$ 85,000.00	\$ 415,000.00	\$ -	\$ -	\$ 601,000.00	\$ 1,101,000.00
Roadway Improvements	\$ 7,010,000	\$ 18,820,300	\$ 9,722,000	\$ 3,300,000	\$ 3,520,000	\$ 42,372,300
Vehicles & Equipment	\$ 1,206,100	\$ 2,514,530	\$ 1,018,373	\$ 1,069,520	\$ 932,245	\$ 6,740,768
Water & Sewer Improvements	\$ 7,640,200	\$ 27,238,200	\$ 34,544,200	\$ 450,000	\$ 3,900,000	\$ 73,772,600
Grand Total	\$ 16,131,300	\$ 53,925,230	\$ 45,330,573	\$ 5,362,520	\$ 9,876,565	\$ 130,626,188

Staff prioritized the projects with the current funding available. Funding for the projects is provided from the General Fund, Motor Fuel Tax Fund, Tax Increment Financial Fund, Capital Improvement Fund, and the Water & Sewer Capital Fund. The following table shows the prioritized capital improvements listed by funding source by year for Fiscal Year 2024-2028. The Transition Year 2024 projects are included in the annual budget.

Projects By Funding Source	TY24	CY25	CY26	CY27	CY28	TOTAL
MFT	\$ 1,500,000.00	\$ 1,500,000.00	\$ 1,500,000.00	\$ 1,500,000.00	\$ 1,500,000.00	\$ 7,500,000.00
TIF	\$ 40,000.00	\$ 5,051,500.00	\$ -	\$ -	\$ 306,000.00	\$ 5,397,500.00
CIP	\$ 5,169,100	\$ 17,096,000	\$ 8,268,000	\$ 2,340,600	\$ 2,967,300	\$ 35,841,000
ARPA	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000
W&S	\$ 7,691,100	\$ 27,613,200	\$ 34,544,200	\$ 452,400	\$ 4,171,020	\$ 74,471,920
FLEET	\$ 1,231,100	\$ 2,664,530	\$ 1,018,373	\$ 1,069,520	\$ 932,245	\$ 6,915,768
Grand Total	\$ 16,131,300	\$ 53,925,230	\$ 45,330,573	\$ 5,362,520	\$ 9,876,565	\$ 130,626,188

A breakdown of expenditures by category can be seen below.

EXPENDITURES BY CATEGORY TY 2024



Water & Sewer Improvements make up the largest category of spending at 47%, \$7,6M, of the capital projects for Transition Year 2024. The Village's connection to Lake Michigan as a water source, along with water mains throughout the Village account for most of these improvements.

The annual road program along with the Wolf's Crossing project makes up 43%, \$7.0M, in Roadway Improvements.

Vehicles/equipment purchases average an annual cost of \$1.3M over the next five years of the CIP. The Village vehicle policy and grading system are used to determine the year of replacement for each vehicle and piece of equipment. Even though an item's grading score warrants the item for replacement, many vehicles and equipment are not replaced until sometime after the scheduled replacement year. For Transition Year 2024, \$1.2M is budgeted for police and public works.

Transition Year 2024- Calendary Year 2028 Project Listings

The table on the following page lists all the projects approved for the five year plan.

Fund	Category	File Name	TY24	CY25	CY26	CY27	CY28	TOTAL
MFT	Roadways	Annual Road Maintenance	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
TIF	Public Improvements	Reserve at Hudson Crossing Parking Deck Striping	40,000					40,000
CIP	Roadways	Annual Road Maintenance	1,500,000	1,600,000	1,700,000	1,800,000	1,900,000	8,500,000
CIP	Public Improvements	Bike Path Sealcoating	45,000					45,000
CIP	Roadways	Minkler Bridge Reconstruction	305,000	2,678,000				2,983,000
CIP	Roadways	Path: IL 31 West Side Parkers Mill to River Run	155,000					155,000
CIP	Roadways	Path: Harvey Road - OEHS to Treasure	60,000	300,000				360,000
CIP	Facilities	Public Works Facility Parking ExpansionTY24	10,000	92,500				102,500
CIP	Facilities	Public Works Facility Permanent Expansion	21,000					21,000
CIP	Facilities	Public Works Replace 11 HVAC VAV Boxes	18,500	75,000				93,500
CIP	Facilities	Public Works Roof ReplacementTY24	3,500	207,500				211,000
CIP	Facilities	Village Hall Parking Lot Maintenance TY24	25,200					25,200
CIP	Facilities	Village Hall Sidewalk and Curb ReplacementTY24	18,900					18,900
CIP	Facilities	Village Hall Wider Annex DoorTY24	17,000					17,000
CIP	Roadways	WC Harvey Road	2,150,000					2,150,000
CIP	Roadways	WC Roth Road	435,000	163,000	6,398,000			6,996,000
CIP	Roadways	WC Douglas Road	405,000	11,350,000				11,755,000
ARPA	Roadways	WC Douglas Road	500,000	0	0	0	0	500,000
W&S	W&S	Lake Michigan Water - Corrosion Analysis	1,210,700	1,017,000				2,227,700
W&S	W&S	Lake Michigan Water - Receiving Stations	436,000	3,183,300	3,183,300			6,802,600
W&S	W&S	Lake Michigan Water - Connection	1,597,000	20,122,900	30,395,900			52,115,800
W&S	W&S	New PRV and Booster Station	374,000					374,000
W&S	Facilities	Public Works Facility Parking ExpansionTY24	10,000	92,500				102,500
W&S	Facilities	Public Works Replace 11 HVAC VAV Boxes	18,500	75,000				93,500
W&S	Facilities	Public Works Roof ReplacementTY24	3,500	207,500				211,000
W&S	W&S	Sanitary Cleaning Televising Inspection Lining	300,000	450,000	450,000	450,000	450,000	2,100,000
W&S	Facilities	Village Hall Parking Lot Maintenance TY24	10,800					10,800
W&S	Facilities	Village Hall Sidewalk and Curb ReplacementTY24	8,100					8,100
W&S	W&S	Village Hall Wider Annex DoorTY24	8,000					8,000
W&S	W&S	Wolf's Crossing Water Main - Segment 2	10,000	2,380,000				2,390,000
W&S	W&S	Water Main Replacement - Brookside	3,654,500					3,654,500
W&S	W&S	Well LED Upgrades	50,000					50,000
Fleet	Vehicles	Squad 2	29,150					29,150
Fleet	Vehicles	Squad 4	29,150					29,150
Fleet	Vehicles	Squad 5	29,150					29,150
Fleet	Vehicles	Squad 30	4,500					4,500
Fleet	Vehicles	Squad 33	29,150					29,150
Fleet	Facilities	PW Fuel Tanks	25,000	150,000				175,000
Fleet	Vehicles	NEW Swap Loader	515,000					515,000
Fleet	Vehicles	PW19 5 Yard Dump Truck	300,000					300,000
Fleet	Vehicles	PW108 Water Utility Truck Outfitting	120,000					120,000
Fleet	Vehicles	PW127 Sign Truck	150,000					150,000
TIF	Facilities	Reserve at Hudson Crossing Deck 2 Counters		141,200				141,200
TIF	Facilities	Downtown Parking Deck 2 Construction		3,460,000				3,460,000
TIF	Facilities	Downtown Parking Lot Maintenance Tap HouseCY25		96,500				96,500
TIF	Roadways	Downtown Railroad Safety Improvements		1,229,300				1,229,300
TIF	Public Improvements	Downtown Streetscape Study		75,000				75,000
TIF	Public Improvements	Path: IL 31 East Side Washington to River Run					306,000	306,000
TIF	Facilities	Downtown Parking Deck Cameras		49,500				49,500
CIP	Roadways	Alley Headwall			14,000			14,000
CIP	Public Improvements	Downtown Directional Signs		80,000				80,000
CIP	Public Improvements	Main Street Ramp		100,000				100,000
CIP	Other	Network Switches_Access Points				200,000		200,000
CIP	Roadways	Path: Sealcoating			110,000			110,000
CIP	Roadways	Pavement Analysis					120,000	120,000
CIP	Facilities	Police Parking Lot CampusCY26			46,000			46,000
CIP	Facilities	Public Works Trench Drain Replacement		50,000				50,000
CIP	Public Improvements	Sidewalk and Traffic Signal Modification					295,000	295,000
CIP	Other	Sign Printer		40,000				40,000
CIP	Other	Squad Car MDT Upgrade				160,000		160,000
CIP	Public Improvements	Streetslights: Kirkland Circle		160,000				160,000
CIP	Facilities	Village Hall Boiler Replacement				5,600		5,600
CIP	Facilities	Village Hall Chiller Replacement					334,800	334,800
CIP	Facilities	Village Hall Roof Replacement					297,500	297,500
CIP	Other	VxRail for Police					20,000	20,000
CIP	Other	VxRail for Village Hall		200,000				200,000
CIP	Other	Workstation Upgrade				175,000		175,000
W&S	W&S	Booster Station 2 Generator		35,000	240,000			275,000
W&S	W&S	Lake Michigan Water Internal Storage and Pumping					3,450,000	3,450,000
W&S	W&S	Lake Michigan Water SCADA Upgrades			275,000			275,000
W&S	W&S	Public Works Trench Drain Replacement		50,000				50,000
W&S	Facilities	Village Hall Boiler Replacement				2,400		2,400
W&S	Facilities	Village Hall Chiller Replacement					143,520	143,520
W&S	Facilities	Village Hall Roof Replacement					127,500	127,500
Fleet	Vehicles	NEW Gator		28,000				28,000
Fleet	Vehicles	2025 PW Vehicles		643,000				643,000
Fleet	Vehicles	PW09 Skid Steer		100,000				100,000
Fleet	Vehicles	PW124 Sign Truck		150,000				150,000
Fleet	Vehicles	PW21 5 Yard Dump Truck		320,000				320,000
Fleet	Vehicles	NEW Grapple Truck		300,000				300,000
Fleet	Vehicles	Police Evidence Garage			200,000			200,000
Fleet	Vehicles	Comm Dev Truck				65,000		65,000
Fleet	Vehicles	PW Future Vehicles		643,000	480,000	570,000	480,000	2,173,000
Fleet	Vehicles	PD Future Vehicles		330,530	338,373	434,520	452,245	1,555,668
Grand Total			16,131,300	53,925,230	45,330,573	5,362,520	9,876,565	130,626,188

Transition Year 2024 Budget

The Transition Year 2024 budget includes a total of \$16 million in capital improvements. The capital projects are budgeted in the Capital Improvement Fund, ARPA Fund, Municipal Fleet Fund, Water/Sewer Capital Fund, Motor Fuel Tax Fund and TIF Fund. These expenditures are being supported from operating revenues or reserve balances of each respective Fund, along with financing for the Lake Michigan project. Transfers from the Capital Improvement Fund, Municipal Garbage Fund, and Water & Sewer Capital Fund are budgeted to support the Municipal Fleet Fund expenditures.

Fund	Category	File Name	TY24
MFT	Roadways	Annual Road Maintenance	1,500,000
TIF	Public Improvements	Reserve at Hudson Crossing Parking Deck Striping	40,000
CIP	Roadways	Annual Road Maintenance	1,500,000
CIP	Public Improvements	Bike Path Sealcoating	45,000
CIP	Roadways	Minkler Bridge Reconstruction	305,000
CIP	Roadways	Path: IL 31 West Side Parkers Mill to River Run	155,000
CIP	Roadways	Path: Harvey Road - OEHS to Treasure	60,000
CIP	Facilities	Public Works Facility Parking ExpansionTY24	10,000
CIP	Facilities	Public Works Facility Permanent Expansion	21,000
CIP	Facilities	Public Works Replace 11 HVAC VAV Boxes	18,500
CIP	Facilities	Public Works Roof ReplacementTY24	3,500
CIP	Facilities	Village Hall Parking Lot Maintenance TY24	25,200
CIP	Facilities	Village Hall Sidewalk and Curb ReplacementTY24	18,900
CIP	Facilities	Village Hall Wider Annex DoorTY24	17,000
CIP	Roadways	WC Harvey Road	2,150,000
CIP	Roadways	WC Roth Road	435,000
CIP	Roadways	WC Douglas Road	405,000
ARPA	Roadways	WC Douglas Road	500,000
W&S	W&S	Lake Michigan Water - Corrosion Analysis	1,210,700
W&S	W&S	Lake Michigan Water - Receiving Stations	436,000
W&S	W&S	Lake Michigan Water - Connection	1,597,000
W&S	W&S	New PRV and Booster Station	374,000
W&S	Facilities	Public Works Facility Parking ExpansionTY24	10,000
W&S	Facilities	Public Works Replace 11 HVAC VAV Boxes	18,500
W&S	Facilities	Public Works Roof ReplacementTY24	3,500
W&S	W&S	Sanitary Cleaning Televising Inspection Lining	300,000
W&S	Facilities	Village Hall Parking Lot Maintenance TY24	10,800
W&S	Facilities	Village Hall Sidewalk and Curb ReplacementTY24	8,100
W&S	W&S	Village Hall Wider Annex DoorTY24	8,000
W&S	W&S	Wolfs Crossing Water Main - Segment 2	10,000
W&S	W&S	Water Main Replacement - Brookside	3,654,500
W&S	W&S	Well LED Upgrades	50,000
Fleet	Vehicles	Squad 2	29,150
Fleet	Vehicles	Squad 4	29,150
Fleet	Vehicles	Squad 5	29,150
Fleet	Vehicles	Squad 30	4,500
Fleet	Vehicles	Squad 33	29,150
Fleet	Facilities	PW Fuel Tanks	25,000
Fleet	Vehicles	NEW Swap Loader	515,000
Fleet	Vehicles	PW19 5 Yard Dump Truck	300,000
Fleet	Vehicles	PW108 Water Utility Truck Outfitting	120,000
Fleet	Vehicles	PW127 Sign Truck	150,000
Grand Total			16,131,300

Additional Projects


The Village has identified three mega projects that are not fully included in this Capital Improvement Plan. They are all multi-year, multi-million-dollar projects that do not have any specified/dedicated revenues. The projects and costs associated with these projects are below.

- Wolf's Crossing Road Reconstruction-This project includes the widening and reconstruction of Wolf's Crossing Road. Funding for the initial Section 1, Phase 2 & 3 and Segment 3, Phase 1 are included in the TY24 budget. Funding for 25-26 costs have also been identified. The additional sections and phases will be added once the funding source is recognized. The total cost is estimated to be \$64 million. It has a time span of 20 years.
- New Water Source-This project is to put into place an alternative water source for the Village. During Fiscal Year 2022, the Village Board made the choice to join the DuPage Water Commission, and in turn using Lake Michigan water. This option is estimated to have a Village share of \$90 million.
- Bringing METRA Station to the Oswego Area. The cost of the station itself is approximately \$1 million. This does not include the Village's share of the railroad track extension from the City of Aurora, currently the end of the commuter line. Total costs for the projects are estimated in the hundreds of millions.

Recommendations

Staff and the Village Board have discussed the capital items listed in the CIP at previous Village Board meetings.

Staff will work with the Village Board to determine where funding can be found to complete the listed capital projects. Staff will pursue all sources of revenue available to the Village to reduce as much of the burden on residents as possible. Specific amounts of General Fund operating revenues and Water & Sewer Fund revenues may be authorized to be used for funding the CIP on an annual basis.

Project Information		Project Snapshot
Project Name	Annual Road Maintenance Project	
Account #		
Location	Various Streets	
Department	Public Works	
Category	Roadways	
New to CIP	No	
Prepared BY	J. Huhges	
Useful Life	20 Years	

Description

Each year's project includes the removal of the surface course, sub grade patching, installation of a new surface course, curb repairs, installation of handicap ramps and pavement markings. Repair of concrete pavement may include joint repairs and sealing. Specific streets to be chosen in the winter.

Justification


The Village last conducted a Village-wide pavement analysis in the fall of 2014 and is conducting another one in late fall 2023. We rate each pavement segment based upon surface and subsurface condition, ride-ability, potholes and other elements. Road resurfacing projects are selected based upon the rating; deterioration since last rating; and in coordination with other construction projects such as utility and/or drainage improvements.

Prior Year Cost	3,120,000		Total Project Cost			19,120,000
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Engineering	247,700	247,700	247,700	247,700	247,700	1,238,500
Construction	2,752,300	2,852,300	2,952,300	3,052,300	3,152,300	14,761,500
Total	3,000,000	3,100,000	3,200,000	3,300,000	3,400,000	16,000,000

Funding Sources						
Capital Fund	1,500,000	1,600,000	1,700,000	1,800,000	1,900,000	8,500,000
TIF Fund						
MFT Fund	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Water & Sewer Cap Fund						
Vehicle Fund						
Other						
Other - Vendor Financed						
Total	3,000,000	3,100,000	3,200,000	3,300,000	3,400,000	16,000,000

Operational Impact/Other

Design is estimated at 4% and inspection is estimated at 5% of construction costs. Failure to resurface streets in a timely manner will result in failure of the base course, requiring roads to be reconstructed. The cost to reconstruct a road is approximately 6 times more than to resurface the same road.

Project Information		Project Snapshot
Project Name	Parking Deck Striping	
Account #		
Location	Reserve at Hudson Crossing	
Department	Public Works	
Category	Public Improvements (TIF)	
New to CIP	Yes	
Prepared BY	Steve Raasch	
Useful Life	5 Years	

Description

Re-striping of the parking stalls in the garage at the Reserve at Hudson Crossing Building. Project includes re-striping of the white parking lot lines to yellow to improve visibility.

Justification


Maintenance costs of parking lots includes re-striping every three to five years. Occasional concrete repairs may be required. This parking lot is approximately 300 stalls. The pavement is deteriorating. No maintenance has been done to the striping to date. The parking lot has had minimal maintenance since the Village took ownership in 2021. The lot is used for event and retail parking.

Prior Year Cost			Total Project Cost			40,000
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Planning/Design						
Engineering						
Construction	40,000					40,000
Total	40,000					40,000

Funding Sources						
Capital Fund						
TIF Fund	40,000					40,000
MFT Fund						
Water & Sewer Cap Fund						
Vehicle Fund						
Other						
Other - Vendor Financed						
Total	40,000					40,000

Operational Impact/Other

Estimate based upon 300 stalls.

Project Information		Project Snapshot
Project Name	Annual Road Maintenance Project	
Account #		
Location	Various Streets	
Department	Public Works	
Category	Roadways	
New to CIP	No	
Prepared BY	J. Huhges	
Useful Life	20 Years	

Description

Each year's project includes the removal of the surface course, sub grade patching, installation of a new surface course, curb repairs, installation of handicap ramps and pavement markings. Repair of concrete pavement may include joint repairs and sealing. Specific streets to be chosen in the winter.

Justification


The Village last conducted a Village-wide pavement analysis in the fall of 2014 and is conducting another one in late fall 2023. We rate each pavement segment based upon surface and subsurface condition, ride-ability, potholes and other elements. Road resurfacing projects are selected based upon the rating; deterioration since last rating; and in coordination with other construction projects such as utility and/or drainage improvements.

Prior Year Cost	3,120,000		Total Project Cost			19,120,000
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Engineering	247,700	247,700	247,700	247,700	247,700	1,238,500
Construction	2,752,300	2,852,300	2,952,300	3,052,300	3,152,300	14,761,500
Total	3,000,000	3,100,000	3,200,000	3,300,000	3,400,000	16,000,000

Funding Sources						
Capital Fund	1,500,000	1,600,000	1,700,000	1,800,000	1,900,000	8,500,000
TIF Fund						
MFT Fund	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Water & Sewer Cap Fund						
Vehicle Fund						
Other						
Other - Vendor Financed						
Total	3,000,000	3,100,000	3,200,000	3,300,000	3,400,000	16,000,000

Operational Impact/Other

Design is estimated at 4% and inspection is estimated at 5% of construction costs. Failure to resurface streets in a timely manner will result in failure of the base course, requiring roads to be reconstructed. The cost to reconstruct a road is approximately 6 times more than to resurface the same road.

Project Information		Project Snapshot
Project Name	Bike Path Seal Coat	
Account #		
Location	Various	
Department	Public Works	
Category	Other	
New to CIP	No	
Prepared BY	J. Hughes	
Useful Life	5-10 years	

Description

Sealing of existing asphalt bike paths

Justification


Seal coating the surface of asphalt bike paths will extend the life of the asphalt, thereby retarding the deterioration of the surface. Over time, the asphalt will oxidize when it is exposed to the elements and become brittle. This brittleness will result in cracks which allow water to penetrate the pavement. As water expands when it freezes, the cracks become larger. Carefully timed seal coating will delay more costly pavement replacement.

Prior Year Cost			Total Project Cost			45,000
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Engineering	45,000					45,000
Construction						
Total	45,000					45,000

Funding Sources						
Capital Fund	45,000					45,000
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund						
Vehicle Fund						
Other						
Other - Vendor Financed						
Total	45,000					45,000

Operational Impact/Other

Village and Oswegoland Park District officials will be meeting to memorialize maintenance responsibilities for existing and future paths.

Project Information		Project Snapshot
Project Name	Minkler Bridge Reconstruction	
Account #		
Location	Minkler Road	
Department	Public Works	
Category	Roadways	
New to CIP	No	
Prepared BY	J. Huhges	
Useful Life	50 years	

Description

Reconstruction of the Minkler Road bridge(047-3056). Adjust the horizontal alignment.

Justification

HR Green inspected this bridge in March 2021. The deck beams are more than 35 years old and are constructed on older abutments. The deck is too narrow and the geometry of the road is not appropriate for the traffic volume and speed limit. Right-of-way will need to be acquired to correct geometric issues. Engineering is being performed in conjunction with the Collins Rd extension, and timing of reconstruction will need to be coordinated with the County's project. The Village commissioned the Phase I work in 2020. Phase II work is underway with a portion being spent in FY '24 and a portion to be spent in TY '24.

Prior Year Cost	188,000		Total Project Cost			3,171,000
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Engineering	105,000	200,000				305,000
Construction		2,478,000				2,478,000
Land Acquisition	200,000					200,000
Total	305,000	2,678,000				2,983,000


Funding Sources						
Capital Fund	305,000	268,000				573,000
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund						
Vehicle Fund						
Other		2,410,000				2,410,000
Other - Vendor Financed						
Total	305,000	2,678,000				2,983,000

Operational Impact/Other

Budget estimates are based upon HR Green's 2021 and 2023 estimates.

This project was awarded \$2,410,516 of Highway Safety Improvement Program (HSIP) funding to replace the bridge. The Village is required to provide a 10% match for these funds. The construction contract must be awarded by October 1, 2025 (CY'25) or the funds will be rescinded. Additional STP funds have also been awarded should the project come in over budget. The village would be responsible for the remaining amount.

No impact on operating budgets since this is a one-time non-recurring expenditure.

Project Information		Project Snapshot
Project Name	Path - IL 31 - West Side Parkers Mill to River Run	
Account #		
Location	IL 31 West Side from Parkers Mill to River Run	
Department	Public Works	
Category	Roadways	
New to CIP	No	
Prepared BY	J.Hughes	
Useful Life	50 Years	

Description

Construct a pedestrian path along the west side of IL 31 in an easement from Parkers Mill to River Run.

Justification


These projects have been identified by staff as necessary to connect residential neighborhoods to the existing path network.

Prior Year Cost	12,000		Total Project Cost		167,000	
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Engineering	5,000					5,000
Construction	150,000					150,000
Total	155,000					155,000

Funding Sources						
Capital Fund	155,000					155,000
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund						
Vehicle Fund						
Other						
Other - Vendor Financed						
Total	155,000					155,000

Operational Impact/Other

There will be operational costs related to pavement maintenance and tree pruning.

Project Information		Project Snapshot
Project Name	Path - Harvey Road - OEHS to Treasure	
Account #		
Location	Oswego East High School to Treasure Drive	
Department	Public Works	
Category	Roadways	
New to CIP	Yes	
Prepared BY	J. Hughes	
Useful Life	50 Years	

Description

Construct path and sidewalk connections to link neighborhoods with regional trails.

Harvey Road-West Side - Oswego East High School to Treasure Drive.

This is a joint project between the Village, School District 308, and Oswego Township.

Justification

This path connects residential neighborhoods from the north and west to Oswego East High School.


Prior Year Cost			Total Project Cost			360,000
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Engineering	30,000					30,000
Land Acquisition	30,000					30,000
Construction		300,000				300,000
Total	60,000	300,000				360,000

Funding Sources						
Capital Fund	20,000	100,000				120,000
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund						
Vehicle Fund						
Other	40,000	200,000				240,000
Other - Vendor Financed						
Total	60,000	300,000				360,000

Operational Impact/Other

Right of way acquisition, or easements, will be required as the property owners own to the centerline of the roadway. There will be operational costs related to pavement maintenance. The Village is working on a path master plan to prioritize maintenance and expansion of the sidewalk/path network.

The Village will manage the project. The cost will be divided equally between the Village, School District 308 and Oswego Township.

Project Information		Project Snapshot
Project Name	Fence Parking/Storage PW	
Account #		
Location	100 Theodore Drive - Public Works Facility	
Department	Public Works	
Category	Facilities	
New to CIP	No	
Prepared BY	Kerry Behr	
Useful Life	20 Years	

Description

Expand the Public Works Facility fenced storage/parking yard by installing additional fence and one gate, along the south side of the existing yard. The project will include the removal of approximately 140' of existing stockade fence and posts along the south side of the existing yard. Installation 8' stockade fencing and posts along the perimeter of the expanded yard. The expanded yard would be 150' x 140' running South from the existing yard, with one set of double gates on the East side of the yard, near the mulch bins. The yard base will be constructed with CA6, compacted to a 10" depth.

Justification


The Public Works Facility does not have adequate parking and storage space for Village owned equipment including but not limited to snow removal equipment, wood chippers, trailers and leaf removal equipment. The PW Department has to move equipment to different well houses throughout the community depending on seasons for storage. The equipment is susceptible to vandalism and theft as well as complaints from the community. This is a temporary solution for equipment/ vehicle storage, until the main Public Works Building can be expanded to allow for interior storage for these items. The work is proposed for calendar year 2025.

Prior Year Cost			Total Project Cost			270,000
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Maintenance						
Engineering	20,000					20,000
Construction		250,000				250,000
Total	20,000	250,000				270,000

Funding Sources						
Capital Fund	10,000	92,500				102,500
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund	10,000	92,500				102,500
Vehicle Fund						
Other		65,000				65,000
Other - Vendor Financed						
Total	20,000	250,000				270,000

Operational Impact/Other

The Public Works Facility will have the proper secured parking/storage area for Village owned equipment and materials. The addition to the facility will allow for added room for organization and additional equipment the Village will require as it continues to grow in the future. This project would reduce the labor needed for moving these items between Village facilities. Budget estimates include all material, labor and soil testing. Other funding is DCEO reimbursement grant # SD240279 of \$65,000 for costs associated with infrastructure improvements to the parking lot at the Public Works facility.

Project Information		Project Snapshot
Project Name	Public Works Facility - Expansion	
Account #		
Location	100 Theodore Drive	
Department	Public Works	
Category	Facilities	
New to CIP	No	
Prepared BY	Steve Raasch	
Useful Life	40 Years	

Description

The Village commissioned Legat Architects in 2008 to develop a multi-phase master plan to expand the Public Works Facility to accommodate Village growth. Phase 1 consists of construction of a 15,674 sq.ft heated vehicle storage space to the south of the existing building. Phase 2 and 3 expands the building to the south & east of phase 1 to house additional vehicles and equipment. Phase 3 provides additional vehicle maintenance facilities. Phase 4 and 5 add office space and shop supply storage.

Justification

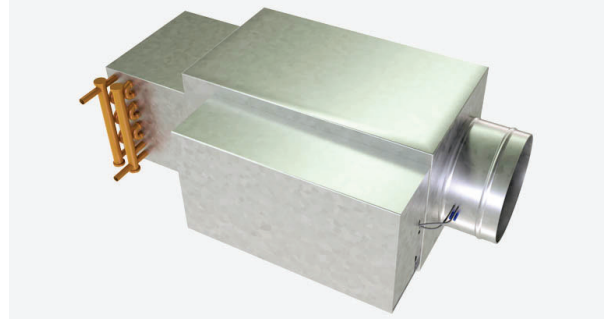
Our needs with respect to construction materials, site needs, and storage have changed since 2008. We now utilize liquids for anti-icing, and our equipment is more specialized. When this was initially proposed, phase 1 would help reduce maintenance costs related to the many pieces of equipment being stored outside. This is a problem as weather can cause breakdowns and difficulty starting equipment. Protection from the elements can help extend the life of the equipment. Future phases are dependent upon growth and available capital funding. The 2009 cost estimate for phase 1 was \$2,625,102. It was also recommended that approx. 20% be added as "Soft Costs", for anything not directly attributable to construction costs. This figure is listed under "other" expenditures. These costs could be items such as furniture, fixtures, equipment, etc. This project has been in the CIP since 2009. So many variables have changed and staff has been asked to obtain quotes for updating space needs analysis, site plan and budget to provide for a current cost estimate. The planning/design estimate for CY27 is based on what the Village of Montgomery recently spent for their PW Facility planning and engineering.

Prior Year Cost	5,000		Total Project Cost			21,051,000
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Planning/Design	21,000			100,000		121,000
Construction					20,000,000	20,000,000
Other					925,000	925,000
Total	21,000			100,000	20,925,000	21,046,000

Funding Sources						
Capital Fund	21,000			50,000	10,462,500	10,533,500
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund				50,000	10,462,500	10,512,500
Vehicle Fund						
Other						
Other - Vendor Financed						
Total	21,000			100,000	20,925,000	21,046,000

Operational Impact/Other

The longer expansion is delayed, the longer vehicles and equipment are stored outside. Additional costs will ultimately be incurred to maintain equipment in safe operable condition and planning and construction costs will also increase. In FY24 \$25,000 is being spent for study.

Project Information		Project Snapshot
Project Name	Public Works Replace 11 HVAC VAV Boxes	
Account #		
Location	100 Theodore Drive	
Department	Public Works	
Category	Facilities	
New to CIP	Yes	
Prepared BY	Steve	
Useful Life	20 years	

Description

Replace eleven existing HVAC Variable Air Volume (VAV boxes) with reheat coils, which are 21 years old. Engineer will provide design, bidding and construction services for the project. The work will include removal and disposal of the existing 11 VAV boxes, installation of 11 new units, any ductwork and electrical modifications that may be needed.

Justification


The ASHRAE Equipment Life Expectancy of a VAV Box is 20 years. The existing units will be 21 years old. There have been several repairs made to the existing boxes over the last 5 years.

Prior Year Cost			Total Project Cost			187,000
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Engineering	37,000					37,000
Maintenance		150,000				150,000
Total	37,000	150,000				187,000

Funding Sources						
Capital Fund	18,500	75,000				93,500
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund	18,500	75,000				93,500
Vehicle Fund						
Other						
Other - Vendor Financed						
Total	37,000	150,000				187,000

Operational Impact/Other

Failure to replace these units could result in failure of the units. Scheduling replacement in advance, based on the age of the units, will prevent the need to replace them as an emergency, at a higher cost, if they were to fail.

Project Information		Project Snapshot
Project Name	Public Works Facility Roof Replacement	
Account #		
Location	100 Theodore Drive - Public Works Facility	
Department	Public Works	
Category	Facilities	
New to CIP	No	
Prepared BY	Steve Raasch	
Useful Life	15-20 years	

Description

This project includes removing the existing flat roof surface and replacing the entire roof. The existing roof was constructed in 2002. The roof area is approximately 21,700 square feet. Based on new roofing code, the existing insulation will more than likely need to be replaced, or insulation added to meet the R-30 requirements. Work is tentatively set for CY25.

Justification

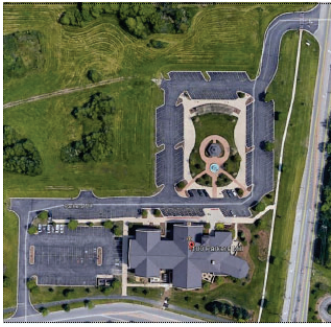
The standard service life for a flat roof is 15-20 years. The existing roof is in fair condition overall but has had some leaks. The roof will be re-evaluated by the end of FY24 to confirm the replacement year and cost. Failure to replace the roof at the end of its useful life can result in higher repair and/or replacement costs, and cause water damage to the roof structure and building contents.

Prior Year Cost			Total Project Cost			422,000
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Engineering	7,000	415,000				422,000
Construction						
Total	7,000	415,000				422,000

Funding Sources						
Capital Fund	3,500	207,500				211,000
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund	3,500	207,500				211,000
Vehicle Fund						
Other						
Other - Vendor Financed						
Total	7,000	415,000				422,000

Operational Impact/Other

American Roofing stated in September FY20, that it would be approximately \$12 per sq ft or \$260,400 to tear off and replace the roof. We factored in an estimated \$30,000 for some deck replacement, an estimated \$12,000 for a roofing consultant, and a 5% contingency. Those budget numbers were escalated 3% each year for costs, but escalated by 5% in CY25 based on supply costs escalating.

Project Information		Project Snapshot
Project Name	Village Hall Parking Lot Maintenance	
Account #		
Location	100 Parker Mill	
Department	Public Works	
Category	Facilities	
New to CIP	No	
Prepared BY	J. Hughes	
Useful Life	15-20 Years	

Description

The Oswego Village Hall building was built in 2008 at 100 Parkers Mill. Maintenance costs seal coating approximately every 3 years and mill and overlay every 20 years, with occasional concrete and asphalt repairs as required. This parking lot measures around 10,200 SY. The lot will be seal coated in FY'25 and resurfaced in FY'29.

Justification

Select concrete and asphalt repairs were made in FY '22. The average life expectancy of an asphalt parking lot is 20 years, if it is properly maintained. The Village Hall parking lot has received minimal maintenance since construction. Failure to maintain the parking lot in a timely manner can result in a larger expense and safety issues.

Prior Year Cost			Total Project Cost			309,700
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Maintenance	36,000					36,000
Engineering					18,700	18,700
Construction					255,000	255,000
Total	36,000				273,700	309,700

Funding Sources						
Capital Fund	25,200				191,600	216,800
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund	10,800				82,100	92,900
Vehicle Fund						
Other						
Other - Vendor Financed						
Total	36,000				273,700	309,700

Operational Impact/Other

Failure to maintain the lot will result in more extensive and costly repairs at a later date. Severe deterioration can result in trip and fall injuries.

Mill and Overlay costs based on estimate of \$20/SY plus 15% for concrete repairs.
 Seal coating costs based on \$2/SY in 2021, inflated by 3% each year, plus striping.

Project Information		Project Snapshot
Project Name	Village Hall Sidewalk and Curb Replacement	
Account #		
Location	100 Parkers Mill	
Department	Public Works	
Category	Facilities	
New to CIP	Yes	
Prepared BY	Steve	
Useful Life	20 years	

Description

Replace approximately 1,350 square feet of sidewalk and 105 linear feet of curb around Village Hall. A majority of the work will be completed on the West side of the building.

Justification


The sidewalks and curbs have been repaired several times, but the deterioration has continued. The replacement of sidewalks and curbs will reduce the risk of trips and falls.

Prior Year Cost			Total Project Cost			27,000
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Construction	27,000					27,000
Total	27,000					27,000

Funding Sources						
Capital Fund	18,900					18,900
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund	8,100					8,100
Vehicle Fund						
Other						
Other - Vendor Financed						
Total	27,000					27,000

Operational Impact/Other

Replacement will reduce the amount of labor and material needed to continually repairs the areas. This will also reduce the risk of trip and falls, which could result in monetary expenditures.

Project Information		Project Snapshot
Project Name	Village Hall Installation of New Wider Annex Door	
Account #		
Location	Village Hall - 100 Parkers Mill	
Department	Public Works	
Category	Facilities	
New to CIP	No	
Prepared BY	Steve Raasch	
Useful Life	15-20 Years	

Description

Replace exterior door #8 in the first floor annex with a wider door. Demo existing masonry construction and 3070 door (35-3/4" wide opening). Install a new 6070 door (6' opening). Work will include supplying and installing the new door, all related hardware, panic device, door closer, sweeps, and weather stripping. Demo and replace the existing sidewalk leading to this door. Saw cut and demo a section of curb to install a ramp. Supply and install a 3-line handrail set along the ramp. Finish paint the new door and frame.

Justification


By installing a wider door, staff will be able to move supplies/equipment through the door by pallet. This would reduce labor hours and possibly minimize the risk of injury.

Prior Year Cost			Total Project Cost			25,000
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Construction	25,000					25,000
Total	25,000					25,000

Funding Sources						
Capital Fund	17,000					17,000
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund	8,000					8,000
Vehicle Fund						
Other						
Other - Vendor Financed						
Total	25,000					25,000

Operational Impact/Other

Enger Vavra provided the budget amount of \$19,030 on 12/17/18. Costs are escalated at 3% for 2019-2025, and escalated 5% in 2024 based on increased supply costs.
 Costs split 70% Capital and 30% Water & Sewer Capital Fund

Project Information		Project Snapshot
Project Name	Wolfs Crossing Road Recon - Harvey Rd (Seg 1)	
Account #		
Location	Wolfs Crossing Road	
Department	Public Works	
Category	Roadways	
New to CIP	No	
Prepared BY	J. Huhges	
Useful Life	50 years	

Description

Reconstruction of Wolf's Crossing Road to a five (5) lane cross section from US Route 34 to US Route 30. Reconstruction will include six (6) four leg intersections. The project may be constructed in ten (10) segments. This project is for the construction of segment 1 at the intersection of Harvey Road. The project includes construction of a roundabout, sidewalk, path, and landscaping. The project will be paired with the construction of a water main from Fifth Street to Devoe Drive (Wolfs Crossing Watermain Segment 1). The Village opened bids on January 20, 2023. Construction started in spring 2023 and will continue into FY'24. The budget conservatively estimates all no work will be completed between 2/9/24 and 4/30/24.

Justification

The Village completed Phase 1 engineering in 2020 which establishes the purpose and need for the project. Funding: Expenditures: Construction \$11,050,000 (of which \$1,800,000 is water main; CE \$991,000 (of which 16% or \$123,000 is for water main); Utility relocation (Other) \$1,200,000 (FY23 - ARPA funds) - Est. 77.5% of construction completed by end of FY24.

See 22-R-88 outlining how construction will be funded:

Capital Fund: \$1,937,733: Source includes developer fees (pending board approval).

MFT: \$585,000: Source: Rebuild Illinois: (remaining balance in FY24)

Other: \$5,480,267: Total Federal funds of \$4,950,267 from Surface Transportation Program \$2,109,351; 60VID funds \$2,749,096; Illinois Transportation Enhancement Program \$91,820; and a State grant of \$530,000.


Prior Year Cost	9,354,800		Total Project Cost		12,039,800	
Expenditures	FY'24	FY'25	FY'26	FY'27	FY'28 or >	Total
Engineering	223,000					223,000
Other						
Construction	2,462,000					2,462,000
Total	2,685,000					2,685,000

Funding Sources						
Capital Fund	2,075,000					2,075,000
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund	535,000					535,000
Vehicle Fund						
Other	75,000					75,000
Other - Vendor Financed						
Total	2,685,000					2,685,000

Operational Impact/Other

Costs are based on bid prices and engineering contracts. Operational costs will increase in years after the completion of the project from moving from a rural roadway to fully improved roadway.

Estimates based upon contractor invoice authorization #8, engineering invoice #11. Village has paid \$3.3M to IDOT for Village's share through 2/1/24. Est. Remaining balance due to IDOT \$3M.

Project Information		Project Snapshot
Project Name	Wolf's Crossing Road Recon. Segment 3 - Roth Rd	
Account #		
Location	Wolfs Crossing Road	
Department	Public Works	
Category	Roadways	
New to CIP	No	
Prepared BY	J. Huhges	
Useful Life	50 years	

Description

Reconstruction of Wolf's Crossing Road from 0.23 miles west of Roth Road to 0.13 miles west of Harvey Road, a of distance 0.59 miles. (CMAP TIP ID: 09-16-0013). The project includes construction of traffic signals at Roth Road and the entrance to Oswego East High School, five (5) lane cross section on Wolf's Crossing, sidewalk, path, and landscaping. This location is identified as Segment 2 within the Project Design Report.

Justification


The Village completed Phase 1 engineering in 2020 which establishes the purpose and need for the project. Design and construction of the project (the "Wolfs Crossing Alternative") is addressed in the annexation agreement for Sonoma Trails (Ord. 24-07). The agreement calls for the Village to fund and commence engineering by July 1, 2024 and be completed by September 1, 2025. Construction is tentatively scheduled for 2026. The Developer of Sonoma Trails will contribute up to \$4,557,129.39 towards the construction cost. No federal funds will be used for construction in order to meet the project schedule. For more details, see Ord.24-07.

Prior Year Cost	0		Total Project Cost		6,996,000	
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Engineering	370,000	163,000	474,000			1,007,000
Land Acquisition	65,000					65,000
Construction			5,924,000			5,924,000
Total	435,000	163,000	6,398,000			6,996,000

Funding Sources						
Capital Fund	435,000	163,000	1,841,000			2,439,000
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund						
Vehicle Fund						
Other			4,557,000			4,557,000
Other - Vendor Financed						
Total	435,000	163,000	6,398,000			6,996,000

Operational Impact/Other

The cost estimate is dated 11/16/23 as prepared by Benesch and is based upon 2025 prices. Assume 67% of design and all LA completed in TY24. Balance of design completed in CY25. Construction engineering is estimated at 8% of construction cost.

Project Information		Project Snapshot
Project Name	Wolfs Crossing Road Recon.-Seg 3 - Douglas	
Account #		
Location	Wolfs Crossing Road	
Department	Public Works	
Category	Roadways	
New to CIP	No	
Prepared BY	J. Huhges	
Useful Life	50 years	

Description

Reconstruction of Wolf's Crossing Road from 0.03 miles west of Bluegrass Parkway to 0.05 miles west of Douglas Rd South, a of distance 0.39 miles. (CMAP TIP ID: 09-16-0013). The project includes construction of a roundabout, five (5) lane cross section on Wolf's Crossing, sidewalk, path, and landscaping. This location is identified as Segment 3 within the Project Design Report.

Justification


The Village completed Phase 1 engineering in 2020 which establishes the purpose and need for the project. The project has been awarded \$2,500,000 in the federal Surface Transportation Program - Local funds (shown as "Other" in the funding sources below).

Prior Year Cost	550,000		Total Project Cost		12,805,000	
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'27	Total
Engineering	405,000	1,350,000				1,755,000
Land Acquisition	500,000					500,000
Construction		10,000,000				10,000,000
Total	905,000	11,350,000				12,255,000

Funding Sources						
Capital Fund	405,000	6,350,000				6,755,000
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund						
Vehicle Fund						
Other	500,000	5,000,000				5,500,000
Other - Vendor Financed						
Total	905,000	11,350,000				12,255,000

Operational Impact/Other

The cost estimate is on estimate prepared by Benesch in March 2022 in support of the Village's application for STP funds and assumes 2025 prices. The project includes construction of pavement 1,200 feet west of Bluegrass Parkway. This work also includes the removal of an existing 4'x4' box culvert and the construction of a 10'x5' box culvert. The estimated additional cost of this work is \$2.4 million. Other funding consists of STP-Local, STP-Shared, and ARPA (for land acquisition) funds. Additional federal funds are anticipated from regional redistribution funds.

Project Information		Project Snapshot
Project Name	Wolfs Crossing Road Recon.-Seg 3 - Douglas	
Account #		
Location	Wolfs Crossing Road	
Department	Public Works	
Category	Roadways	
New to CIP	No	
Prepared BY	J. Huhges	
Useful Life	50 years	

Description

Reconstruction of Wolf's Crossing Road from 0.03 miles west of Bluegrass Parkway to 0.05 miles west of Douglas Rd South, a of distance 0.39 miles. (CMAP TIP ID: 09-16-0013). The project includes construction of a roundabout, five (5) lane cross section on Wolf's Crossing, sidewalk, path, and landscaping. This location is identified as Segment 3 within the Project Design Report.

Justification

The Village completed Phase 1 engineering in 2020 which establishes the purpose and need for the project. The project has been awarded \$2,500,000 in the federal Surface Transportation Program - Local funds (shown as "Other" in the funding sources below).

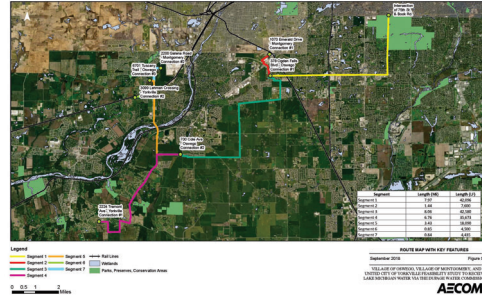
Prior Year Cost	550,000		Total Project Cost		12,805,000	
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'27	Total
Engineering	405,000	1,350,000				1,755,000
Land Acquisition	500,000					500,000
Construction		10,000,000				10,000,000
Total	905,000	11,350,000				12,255,000

Funding Sources						
Capital Fund	405,000	6,350,000				6,755,000
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund						
Vehicle Fund						
Other	500,000	5,000,000				5,500,000
Other - Vendor Financed						
Total	905,000	11,350,000				12,255,000

Operational Impact/Other

The cost estimate is on estimate prepared by Benesch in March 2022 in support of the Village's application for STP funds and assumes 2025 prices. The project includes construction of pavement 1,200 feet west of Bluegrass Parkway. This work also includes the removal of an existing 4'x4' box culvert and the construction of a 10'x5' box culvert. The estimated additional cost of this work is \$2.4 million. Other funding consists of STP-Local, STP-Shared, and ARPA (for land acquisition) funds. Additional federal funds are anticipated from regional redistribution funds.

Project Information		Project Snapshot
Project Name	Lake Michigan Water - Corrosion Analysis	
Account #		
Location	Various Locations	
Department	Public Works	
Category	Water & Sewer Improvments	
New to CIP	Yes	
Prepared BY	J. Hughes	
Useful Life	50+Years	



Description

Conduct corrosion analysis of existing water system to determine design requirements for introduction of Lake Michigan water into the existing pipes. The project will be done in conjunction with the Village of Montgomery and United City of Yorkville.

Justification

Different water sources have different chemical compositions. We cannot introduce Lake Michigan water into the existing pipe system without determining the impact this new water will have on the pipes. The study will determine any water treatment will be necessary to preserve the mains. This project attempts to avoid similar mistakes that were made when Flint, Michigan, changed water source.

Prior Year Cost	193,700		Total Project Cost			2,421,400
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Planning/Design	1,210,700	1,017,000				2,227,700
Construction						
Other						
Total	1,210,700	1,017,000				2,227,700

Funding Sources						
Capital Fund						
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund	82,400	69,200				151,600
Vehicle Fund						
Other	1,128,300	947,800				2,076,100
Other - Vendor Financed						
Total	1,210,700	1,017,000				2,227,700


Operational Impact/Other

The communities have received a \$1,800,000 federal grant to pay for this project. Funds received will be split among Oswego, Yorkville, and Montgomery. The grant requires a 20% local match. Work is anticipated to take 2 to 2.5 years. B&W contract to oversee RFQ & Grant of \$171,400 is not billable against the grant, is split among the communities, and is not included in the \$2,250,000. Total project cost is \$2,421,400.

Contributions

Grant:	\$1,800,000
Oswego W&S CIP:	\$150,000
Yorkville:	\$150,000
Montgomery:	\$150,000
Total:	\$2,250,000

Work will start in fall 2023. Estimated expenses: FY24 - \$193,700 (8%); TY24 \$1,210,700 (50%), CY25: \$1,017,000 (42%).
 Oswego Share: FY24 - \$55,600 TY24 \$82,400 CY25 - \$69,200

Project Information		Project Snapshot
Project Name	Lake Michigan Water Receiving Stations	
Account #		
Location	Various Locations	
Department	Public Works	
Category	Water & Sewer Improvments	
New to CIP	No	
Prepared BY	B. Reese	
Useful Life	50+Years	

Description

Construct three receiving stations to receive Lake Michigan water from the DuPage Water Commission.

- DWC Connection No. 1 – Ogden Falls Blvd. Tank (High Pressure Zone) - high service pumps to fill the water tower
- DWC Connection No. 2 – Hunt Club Tank (Medium Pressure Zone) - pressure sustaining or pressure reducing station
- DWC Connection No. 3 – Orchard Tank (Low Pressure Zone) - pressure sustaining or pressure reducing station

Baxter & Woodman cost estimate September 1, 2021 \$6,840,000 includes construction costs, legal, design & construction engineering, land acquisition, and contingency. Detailed cost estimates for each item are provided separately. Baxter & Woodman cost estimate October 1, 2021. \$6,840,000 Cost estimates include construction costs, legal, design & construction engineering, land acquisition, and contingency. Design 8% \$476,000; Construction Observation 7% \$416,600; Construction \$5,950,000

Justification

In FY2021, the Village hired Baxter & Woodman to review options for a new water source, including receiving Lake Michigan water through one of several entities. The "Groundwater Studies for Water Supply Planning in Kendall County, IL", prepared by the Illinois State Water Survey in 2014, concludes that the aquifers in northern Kendall County are becoming depleted. The Strategic Plan Objective 4.1.6 (Research and Consider Alternative Water Sources) makes use of the study in determining alternative water sources. The DuPage Water Commission has the water allocation to supply the Village with water from Lake Michigan and is a viable option for an alternative water source. A more detailed estimate will be known in FY2024.

Prior Year Cost	40,000		Total Project Cost		6,842,600	
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Planning/Design	436,000	208,300	208,300			852,600
Construction		2,975,000	2,975,000			5,950,000
Other						
Total	436,000	3,183,300	3,183,300			6,802,600

Funding Sources						
Capital Fund						
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund	436,000					436,000
Vehicle Fund						
Other		3,183,300	3,183,300			6,366,600
Other - Vendor Financed						
Total	436,000	3,183,300	3,183,300			6,802,600

Operational Impact/Other

The operational costs are anticipated to decrease when the existing wells are taken out of production. The wells will be kept on stand-by for emergency back up in case the single transmission water main experienced a failure. These projects will take approximately two to three years from the start of design to the completion of construction. Other Funding for this project will be from a bond issue or WIFIA loans.

Project Information		Project Snapshot
Project Name	Lake Michigan Water - Connection	
Account #		
Location	Various Locations	
Department	Public Works	
Category	Water & Sewer Improvments	
New to CIP	No	
Prepared BY	J. Hughes	
Useful Life	50+Years	

Description

TY'24 includes planning, engineering, and financial and legal services in preparation of construction of a transmission main and appurtenances to connect to Lake Michigan Water through the DuPage Water Commission. NOTE: DWC anticipates providing updated cost estimates by the end of calendar year 2023. This sheet will be updated at that time.

Justification

In FY2022, the Village hired Baxter & Woodman to review options for a new water source, including receiving Lake Michigan water through one of several entities. The "Groundwater Studies for Water Supply Planning in Kendall County, IL", by the Illinois State Water Survey in 2014, concludes that the aquifers in northern Kendall County could deplete by the year 2050. Further impacts by drilling deep wells and drawing from the existing aquifer will expedite this dewatering. The DuPage Water Commission has the available resources to meet the Village water demands now and into the future. Funding will be from WIFIA, State Revolving Loans, DWC financing which will all be repaid through water rates.

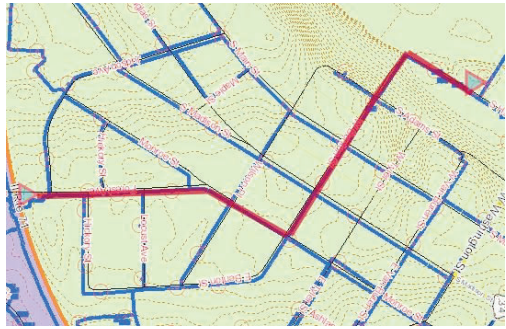
Prior Year Cost	1,600,000		Total Project Cost			53,715,800
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Planning/Design	1,497,000	1,309,900	1,309,900			4,116,800
Construction		18,713,000	18,713,000			37,426,000
Other	100,000	100,000	10,373,000			10,573,000
Total	1,597,000	20,122,900	30,395,900			52,115,800

Funding Sources						
Capital Fund						
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund	100,000	100,000				200,000
Vehicle Fund						
Other	1,497,000	20,022,900	30,395,900			51,915,800
Other - Vendor Financed						
Total	1,597,000	20,122,900	30,395,900			52,115,800

Operational Impact/Other

The operational costs are anticipated to decrease when the existing wells are taken out of production. The wells will be kept on stand-by for emergency back up in case the single transmission water main experienced a failure. This project will take approximately four to five years from the start of design to the completion of construction. The project will be financed and paid through the water rates.

The capital cost estimates were prepared by Baxter & Woodman in October 2021. Estimates include construction costs, legal, design & construction engineering, land acquisition, and contingency. \$43 million is the Village's estimated share of facilities constructed to serve the Village of Montgomery and United City of Yorkville. The buy-in cost payable to the DWC is \$10,373,000 (final cost to be determined at contract) and will be paid in 360 uniform monthly payments commencing at the month after the Village starts receiving water. Village's share of the treated water transmission main is \$43 million. Total: \$43,040,000 = Design @ 8%: \$2,994,000; Construction Observation @ 7%: \$2,619,800; Construction: \$37,426,087
 FY24, 25, 26 there is an extra \$100,000 for each year for miscellaneous expenses including legal and financial consulting.

Project Information		Project Snapshot
Project Name	New PRV and Booster Station	
Account #		
Location	River Crossing & PRV #5 @ Forest Ave	
Department	Public Works	
Category	Water & Sewer Improvments	
New to CIP	No	
Prepared BY	B.Reese	
Useful Life	50+ Years	

Description

Install a new pressure reducing station at the river crossing and convert PRV#5 in the middle zone into a booster station to move water from the west-central zones into the mid-zone to eliminate the need for a new well prior to the connection to a new Lake Michigan water source. This project needs to be completed for any of the alternate water sources. Baxter & Woodman is working on the feasibility study in FY2022.

Justification


The Village is studying two options for a new water source: the Fox River and Lake Michigan. Anticipated growth may require additional water prior to connection to the new water source. In lieu of constructing a new well, we will modify the system to move water under the river from the west zone through the central zone into the middle zone and delay the need for a new well. With these improvements, we will be able to move water from and into any zone as needed.

Prior Year Cost	23,000		Total Project Cost			397,000
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Engineering	24,000					24,000
Construction	350,000					350,000
Total	374,000					374,000

Funding Sources						
Capital Fund						
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund	374,000					374,000
Vehicle Fund						
Other						
Other - Vendor Financed						
Total	374,000					374,000

Operational Impact/Other

The operational impact of the new PRV-Booster station will increase the flow into other areas of the distribution system. Baxter & Woodman completed a feasibility study and updated cost estimates in during FY2022.

Project Information		Project Snapshot
Project Name	Fence Parking/Storage PW	
Account #		
Location	100 Theodore Drive - Public Works Facility	
Department	Public Works	
Category	Facilities	
New to CIP	No	
Prepared BY	Kerry Behr	
Useful Life	20 Years	

Description

Expand the Public Works Facility fenced storage/parking yard by installing additional fence and one gate, along the south side of the existing yard. The project will include the removal of approximately 140' of existing stockade fence and posts along the south side of the existing yard. Installation 8' stockade fencing and posts along the perimeter of the expanded yard. The expanded yard would be 150' x 140' running South from the existing yard, with one set of double gates on the East side of the yard, near the mulch bins. The yard base will be constructed with CA6, compacted to a 10" depth.

Justification

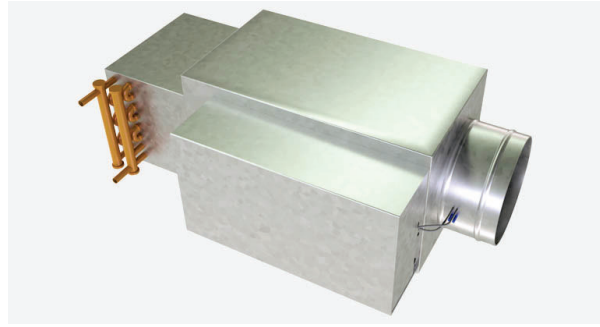
The Public Works Facility does not have adequate parking and storage space for Village owned equipment including but not limited to snow removal equipment, wood chippers, trailers and leaf removal equipment. The PW Department has to move equipment to different well houses throughout the community depending on seasons for storage. The equipment is susceptible to vandalism and theft as well as complaints from the community. This is a temporary solution for equipment/ vehicle storage, until the main Public Works Building can be expanded to allow for interior storage for these items. The work is proposed for calendar year 2025.

Prior Year Cost			Total Project Cost			270,000
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Maintenance						
Engineering	20,000					20,000
Construction		250,000				250,000
Total	20,000	250,000				270,000

Funding Sources						
Capital Fund	10,000	92,500				102,500
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund	10,000	92,500				102,500
Vehicle Fund						
Other		65,000				65,000
Other - Vendor Financed						
Total	20,000	250,000				270,000

Operational Impact/Other

The Public Works Facility will have the proper secured parking/storage area for Village owned equipment and materials. The addition to the facility will allow for added room for organization and additional equipment the Village will require as it continues to grow in the future. This project would reduce the labor needed for moving these items between Village facilities. Budget estimates include all material, labor and soil testing. Other funding is DCEO reimbursement grant # SD240279 of \$65,000 for costs associated with infrastructure improvements to the parking lot at the Public Works facility.

Project Information		Project Snapshot
Project Name	Public Works Replace 11 HVAC VAV Boxes	
Account #		
Location	100 Theodore Drive	
Department	Public Works	
Category	Facilities	
New to CIP	Yes	
Prepared BY	Steve	
Useful Life	20 years	

Description

Replace eleven existing HVAC Variable Air Volume (VAV boxes) with reheat coils, which are 21 years old. Engineer will provide design, bidding and construction services for the project. The work will include removal and disposal of the existing 11 VAV boxes, installation of 11 new units, any ductwork and electrical modifications that may be needed.

Justification


The ASHRAE Equipment Life Expectancy of a VAV Box is 20 years. The existing units will be 21 years old. There have been several repairs made to the existing boxes over the last 5 years.

Prior Year Cost			Total Project Cost			187,000
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Engineering	37,000					37,000
Maintenance		150,000				150,000
Total	37,000	150,000				187,000

Funding Sources						
Capital Fund	18,500	75,000				93,500
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund	18,500	75,000				93,500
Vehicle Fund						
Other						
Other - Vendor Financed						
Total	37,000	150,000				187,000

Operational Impact/Other

Failure to replace these units could result in failure of the units. Scheduling replacement in advance, based on the age of the units, will prevent the need to replace them as an emergency, at a higher cost, if they were to fail.

Project Information		Project Snapshot
Project Name	Public Works Facility Roof Replacement	
Account #		
Location	100 Theodore Drive - Public Works Facility	
Department	Public Works	
Category	Facilities	
New to CIP	No	
Prepared BY	Steve Raasch	
Useful Life	15-20 years	

Description

This project includes removing the existing flat roof surface and replacing the entire roof. The existing roof was constructed in 2002. The roof area is approximately 21,700 square feet. Based on new roofing code, the existing insulation will more than likely need to be replaced, or insulation added to meet the R-30 requirements. Work is tentatively set for CY25.

Justification


The standard service life for a flat roof is 15-20 years. The existing roof is in fair condition overall but has had some leaks. The roof will be re-evaluated by the end of FY24 to confirm the replacement year and cost. Failure to replace the roof at the end of its useful life can result in higher repair and/or replacement costs, and cause water damage to the roof structure and building contents.

Prior Year Cost			Total Project Cost			422,000
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Engineering	7,000	415,000				422,000
Construction						
Total	7,000	415,000				422,000

Funding Sources						
Capital Fund	3,500	207,500				211,000
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund	3,500	207,500				211,000
Vehicle Fund						
Other						
Other - Vendor Financed						
Total	7,000	415,000				422,000

Operational Impact/Other

American Roofing stated in September FY20, that it would be approximately \$12 per sq ft or \$260,400 to tear off and replace the roof. We factored in an estimated \$30,000 for some deck replacement, an estimated \$12,000 for a roofing consultant, and a 5% contingency. Those budget numbers were escalated 3% each year for costs, but escalated by 5% in CY25 based on supply costs escalating.

Project Information		Project Snapshot
Project Name	Sanitary Cleaning Televising Inspection Lining	
Account #		
Location	Entire Sanitary System	
Department	Public Works	
Category	Water & Sewer Improvments	
New to CIP	No	
Prepared BY	Mike Gunter	
Useful Life	10-15 Years	

Description

Sanitary sewer inspection, assessment, and data collection program for the Oswego collection system. Repair and line cracked and broken sanitary sewer pipes to eliminate inflow and infiltration. This also will renew the pipes integrity and give added useful life to the system. Engineering includes project management, preparation of project specifications, review of inspection reports, and updating of utility atlases. Maintenance includes cleaning and televising lines. Construction includes lining and repairs of lines.

Justification

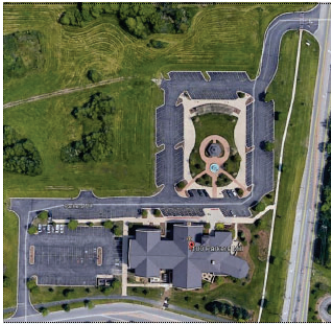
A proactive sanitary sewer inspection program prioritizes corrective actions such as debris removal, grease and/or root abatement, repair, and replacement prior to sanitary overflows and backups. Sanitary sewers where known inflow and infiltration problems occur are televised to identify corrective actions. In 2019, the Village identified \$1,200,000 of repairs to the downtown sewer system. In 2020, the Village completed \$90,000 of lining and grouting sanitary lines in the Stonehill Business Park and the downtown system. More than \$1,100,000.00 in repairs remain and with additional cleaning and televising anticipated to identify more work. This program meets the requirements of the Illinois Environmental Protection Agency for the reduction of infiltration into the sanitary system.

Prior Year Cost			Total Project Cost			2,100,000	
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total	
Engineering	67,500	100,000	100,000	100,000	100,000	467,500	
Maintenance	67,500	100,000	100,000	100,000	100,000	467,500	
Construction	165,000	250,000	250,000	250,000	250,000	1,165,000	
Total	300,000	450,000	450,000	450,000	450,000	2,100,000	

Funding Sources						
Capital Fund						
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund	300,000	450,000	450,000	450,000	450,000	2,100,000
Vehicle Fund						
Other						
Other - Vendor Financed						
Total	300,000	450,000	450,000	450,000	450,000	2,100,000

Operational Impact/Other

Operators will have accurate maps when responding to sewer back ups, making response quicker and decisions more accurate, meaning less loss to the village and it's residents. Postponing this project will mean that the Village will incur costs to pump at lift stations from storm water that enters the sanitary sewers.

Project Information		Project Snapshot
Project Name	Village Hall Parking Lot Maintenance	
Account #		
Location	100 Parker Mill	
Department	Public Works	
Category	Facilities	
New to CIP	No	
Prepared BY	J. Hughes	
Useful Life	15-20 Years	

Description

The Oswego Village Hall building was built in 2008 at 100 Parkers Mill. Maintenance costs seal coating approximately every 3 years and mill and overlay every 20 years, with occasional concrete and asphalt repairs as required. This parking lot measures around 10,200 SY. The lot will be seal coated in FY'25 and resurfaced in FY'29.

Justification

Select concrete and asphalt repairs were made in FY '22. The average life expectancy of an asphalt parking lot is 20 years, if it is properly maintained. The Village Hall parking lot has received minimal maintenance since construction. Failure to maintain the parking lot in a timely manner can result in a larger expense and safety issues.

Prior Year Cost			Total Project Cost			309,700
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Maintenance	36,000					36,000
Engineering					18,700	18,700
Construction					255,000	255,000
Total	36,000				273,700	309,700

Funding Sources						
Capital Fund	25,200				191,600	216,800
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund	10,800				82,100	92,900
Vehicle Fund						
Other						
Other - Vendor Financed						
Total	36,000				273,700	309,700

Operational Impact/Other

Failure to maintain the lot will result in more extensive and costly repairs at a later date. Severe deterioration can result in trip and fall injuries.

Mill and Overlay costs based on estimate of \$20/SY plus 15% for concrete repairs.
 Seal coating costs based on \$2/SY in 2021, inflated by 3% each year, plus striping.

Project Information		Project Snapshot
Project Name	Village Hall Sidewalk and Curb Replacement	
Account #		
Location	100 Parkers Mill	
Department	Public Works	
Category	Facilities	
New to CIP	Yes	
Prepared BY	Steve	
Useful Life	20 years	

Description

Replace approximately 1,350 square feet of sidewalk and 105 linear feet of curb around Village Hall. A majority of the work will be completed on the West side of the building.

Justification


The sidewalks and curbs have been repaired several times, but the deterioration has continued. The replacement of sidewalks and curbs will reduce the risk of trips and falls.

Prior Year Cost			Total Project Cost			27,000
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Construction	27,000					27,000
Total	27,000					27,000

Funding Sources						
Capital Fund	18,900					18,900
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund	8,100					8,100
Vehicle Fund						
Other						
Other - Vendor Financed						
Total	27,000					27,000

Operational Impact/Other

Replacement will reduce the amount of labor and material needed to continually repairs the areas. This will also reduce the risk of trip and falls, which could result in monetary expenditures.

Project Information		Project Snapshot
Project Name	Village Hall Installation of New Wider Annex Door	
Account #		
Location	Village Hall - 100 Parkers Mill	
Department	Public Works	
Category	Facilities	
New to CIP	No	
Prepared BY	Steve Raasch	
Useful Life	15-20 Years	

Description

Replace exterior door #8 in the first floor annex with a wider door. Demo existing masonry construction and 3070 door (35-3/4" wide opening). Install a new 6070 door (6' opening). Work will include supplying and installing the new door, all related hardware, panic device, door closer, sweeps, and weather stripping. Demo and replace the existing sidewalk leading to this door. Saw cut and demo a section of curb to install a ramp. Supply and install a 3-line handrail set along the ramp. Finish paint the new door and frame.

Justification

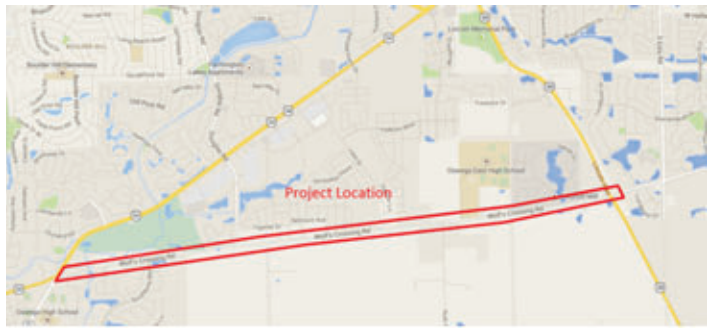
By installing a wider door, staff will be able to move supplies/equipment through the door by pallet. This would reduce labor hours and possibly minimize the risk of injury.

Prior Year Cost			Total Project Cost			25,000
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Construction	25,000					25,000
Total	25,000					25,000

Funding Sources						
Capital Fund	17,000					17,000
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund	8,000					8,000
Vehicle Fund						
Other						
Other - Vendor Financed						
Total	25,000					25,000

Operational Impact/Other

Enger Vavra provided the budget amount of \$19,030 on 12/17/18. Costs are escalated at 3% for 2019-2025, and escalated 5% in 2024 based on increased supply costs.
 Costs split 70% Capital and 30% Water & Sewer Capital Fund

Project Information		Project Snapshot
Project Name	Wolfs Crossing Water Main - Segment 2	
Account #		
Location	Wolfs Crossing - Della Lane to Fifth Street	
Department	Public Works	
Category	Water & Sewer Improvments	
New to CIP	No	
Prepared BY	J. Hughes	
Useful Life	50+ Years	

Description

Construct the second segment of a new 12" water main along Wolf's Crossing from US 34 to US 30. This project will complete the water main and connect to the dead end mains extended to Wolfs Crossing. The connection of the dead ends and the high zone to the low zone will allow staff to move water between these zones and improve flow for fire fighting. This main will also improve water quality along this corridor ahead of the alternate water source.

Segment 1: 5th to Devoe (1.3 miles) - Watermain complete November 2023; Booster Station complete Spring 2024. Total cost \$1.8 million construction

Segment 2: Della Lane to 5th (2.1 miles) - THIS PROJECT

Land acquisition through early TY'24; Phase II design complete in TY'24; Fall 2024 letting w/ construction in CY'25 is \$1,850,000.

Justification

There are several places along Wolf's Crossing that do not have any water mains. The 2014 Water Study [page VIII-1] by HR Green recommends installing a 12" water main along Wolf Road. The new main provides better fire protection while improving water quality and circulation in the middle pressure zone and the southern end of the high pressure zone. This main allows future development adjacent to Wolf Road and in the middle pressure zone. This project should be completed in conjunction with system improvements necessary to distribute the new water source water throughout the Village.

Prior Year Cost	28,000		Total Project Cost			2,418,000
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Engineering	10,000	180,000				190,000
Construction		2,200,000				2,200,000
Total	10,000	2,380,000				2,390,000

Funding Sources						
Capital Fund						
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund	10,000	2,380,000				2,390,000
Vehicle Fund						
Other						
Other - Vendor Financed						
Total	10,000	2,380,000				2,390,000

Operational Impact/Other

This project should be completed in conjunction with system improvements necessary to distribute the new water source water throughout the Village. Developer contributions may fund all or a portion of this project depending on timing. Estimate of Probable Construction Cost dated 2/22/24 as prepared by Benesch. Construction engineering estimated at 8% of construction cost.



Project Information		Project Snapshot
Project Name	Water Main Replacement Brookside	
Account #		
Location	Various	
Department	Public Works	
Category	Water & Sewer Improvments	
New to CIP	No	
Prepared BY	B.Reese	
Useful Life	50+ Years	

Description

Water Main Replacement project and standardize pipe size to 8" ductile iron pipe.

Forest Ave. from Rt. 71 to Monroe St.-1,114 feet; Judson Ave. from Forest Ave. to Madison St.-1,058 feet

Monroe St. from Judson Ave. to Wilson Pl.-1,000 feet; Locust St. from Forest Ave. to E. Benton St.-605 feet

Hickory St. from Forest Ave. to E. Benton St.-620 feet; Hickory St. from Forest Ave. to Monroe St.-454 feet

*Also adding approximately 150 feet from Hickory St. to Locust St.

Total 5,001 feet. Included in the cost of the project is resurfacing of all the streets.

Design anticipated to start in FY 24 and Construction in TY 25

Justification


The water main that supplies the residents in the Brookside Manor subdivision is at the end of its useful life and needs to be replaced. There are many water main breaks in this area. Replacing the water main will increase the fire flow and give reliable source of water for 50 or more years.

Prior Year Cost	60,000		Total Project Cost			3,714,500
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Construction	3,215,500					3,215,500
Engineering	439,000					439,000
Total	3,654,500					3,654,500

Funding Sources						
Capital Fund						
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund	3,429,500					3,429,500
Vehicle Fund						
Other	225,000					225,000
Other - Vendor Financed						
Total	3,654,500					3,654,500

Operational Impact/Other

The new water main will give residents a reliable source of water and improved water quality and fire flow in Brookside Manor. Funding includes \$225,000 of ARPA funds awarded by Kendall County. These funds must be spent by December 31, 2024.

Project Information		Project Snapshot
Project Name	Well - Interior LED Lighting Upgrades	
Account #		
Location	All 8 Well Houses	
Department	Public Works	
Category	Water & Sewer Improvments	
New to CIP	Yes	
Prepared BY	Steve	
Useful Life	5 Years	

Description

Replace the existing interior; fluorescent, metal halide and mercury vapor lights bulbs/fixtures with LED versions.

Justification


The Village started LED upgrades of all Facilities in 2019, and have completed all LED interior and exterior upgrades to all facilities except the Well House Interiors. Converting to LED will reduce the electric usage, labor and material to replace existing bulbs and ballasts.

Prior Year Cost			Total Project Cost			50,000
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Maintenance	50,000					50,000
Total	50,000					50,000

Funding Sources						
Capital Fund						
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund	50,000					50,000
Vehicle Fund						
Other						
Other - Vendor Financed						
Total	50,000					50,000

Operational Impact/Other

Converting to LED will reduce electric usage, labor and material to replace existing bulbs and ballasts.

Project Information		Project Snapshot
Project Name	Police Vehicles, Squad 2	
Account #		
Location	3355 Wooley Road	
Department	Police	
Category	Vehicles/Equipment	
New to CIP	No	
Prepared BY	Chief Jason Bastin	
Useful Life	4-5 Years	

Description

Ford Police Interceptor Explorer SUV Patrol Squad

Justification

The Oswego Police Department uses its squad cars on a daily basis for patrol operations. This vehicle needs to be replaced having passed its life expectancy and having met the criteria for squad replacement.

Squad 2 - 2015 Ford Sedan Interceptor with 77,004 miles as of 9/6/23. This vehicle is proposed to be replaced with a 2024 Ford Explorer Utility Interceptor. It is anticipated this vehicle will be purchased in March 2024 and will be outfitted and deployed in the transition year.

Prior Year Cost	49,275		Total Project Cost			78,425
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Vehicles						
Equipment	29,150					29,150
Total	29,150					29,150


Funding Sources						
Capital Fund						
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund						
Vehicle Fund	29,150					29,150
Other						
Other - Vendor Financed						
Total	29,150					29,150

Operational Impact/Other

Operational Impact/Other

The Police Department's squad cars are used to perform day-to-day operations. The vehicle has reached its useful lifespan and requires replacement. In order to keep vehicles from becoming used beyond repair or having no salvage value, it is crucial to have this vehicle replaced as it has reached Condition III criteria of 27.

The 2015 Ford Sedan Interceptor that is being replaced will be used for trade in or resale if possible. The vehicle will be scrapped if it is determined there is no resale value.

Project Information		Project Snapshot
Project Name	Police Vehicles, Squad 4	
Account #		
Location	3355 Wooley Road	
Department	Police	
Category	Vehicles/Equipment	
New to CIP	No	
Prepared BY	Chief Jason Bastin	
Useful Life	7-10 Years	

Description

Ford Police Interceptor Explorer SUV Command Vehicle

Justification

The Oswego Police Department uses its squad cars on a daily basis for patrol operations. This vehicle needs to be replaced having passed its life expectancy and having met the criteria for squad replacement.

Squad 4 - 2012 Ford Explorer with 104,455 miles as of 9/6/23. This vehicle is proposed to be replaced with a 2024 Ford Explorer Utility Interceptor. It is anticipated this vehicle will be purchased in March 2024 and will be outfitted and deployed in the transition year.

Prior Year Cost	43,819		Total Project Cost			72,969
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Vehicles						
Equipment	29,150					29,150
Total	29,150					29,150


Funding Sources						
Capital Fund						
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund						
Vehicle Fund	29,150					29,150
Other						
Other - Vendor Financed						
Total	29,150					29,150

Operational Impact/Other

Operational Impact/Other

The Police Department's squad cars are used to perform day-to-day operations. The vehicle has reached its useful lifespan and requires replacement. In order to keep vehicles from becoming used beyond repair or having no salvage value, it is crucial to have this vehicle replaced as it has reached Condition IV criteria of 31.

The 2012 Ford Explorer that is being replaced will be used for trade in or resale if possible. The vehicle will be scrapped if it is determined there is no resale value.

Project Information		Project Snapshot
Project Name	Police Vehicles, Squad 5	
Account #		
Location	3355 Wooley Road	
Department	Police	
Category	Vehicles/Equipment	
New to CIP	No	
Prepared BY	Chief Jason Bastin	
Useful Life	7-10 Years	

Description

Ford Police Interceptor Explorer SUV Command Vehicle

Justification

The Oswego Police Department uses its squad cars on a daily basis for patrol operations. This vehicle needs to be replaced having passed its life expectancy and having met the criteria for squad replacement.

Squad 5 - 2015 Ford Explorer Interceptor with 89,652 miles as of 9/6/23. This vehicle is proposed to be replaced with a 2024 Ford Explorer Utility Interceptor. It is anticipated the vehicle will be purchased in March 2024 and will be outfitted and deployed the transition year.

Prior Year Cost	44,791		Total Project Cost			73,941
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Vehicles						
Equipment	29,150					29,150
Total	29,150					29,150


Funding Sources						
Capital Fund						
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund						
Vehicle Fund	29,150					29,150
Other						
Other - Vendor Financed						
Total	29,150					29,150

Operational Impact/Other

Operational Impact/Other

The Police Department's squad cars are used to perform day-to-day operations. The vehicle has reached its useful lifespan and requires replacement. In order to keep vehicles from becoming used beyond repair or having no salvage value, it is crucial to have this vehicle replaced as it has reached Condition IIV criteria of 31.

The 2015 Ford Explorer Interceptor that is being replaced will be used for trade in or resale if possible. The vehicle will be scrapped if it is determined there is no resale value.

Project Information		Project Snapshot
Project Name	Police Vehicles, Squad 30	
Account #		
Location	3355 Wooley Road	
Department	Police	
Category	Vehicles/Equipment	
New to CIP	No	
Prepared BY	Chief Jason Bastin	
Useful Life	7-10 Years	

Description

Ford Police Interceptor Explorer SUV Investigation Vehicle

Justification

The Oswego Police Department uses its squad cars on a daily basis for patrol operations. This vehicle needs to be replaced having passed its life expectancy and having met the criteria for squad replacement.

Squad 30 - 2014 Chevrolet Equinox with 126,800 miles as of 9/6/23. This vehicle is proposed to be replaced with a 2024 Chevrolet Equinox or similar vehicle. It is anticipated this vehicle will be purchased in March 2024 and will be outfitted and deployed in the transition year.

Prior Year Cost	28,604		Total Project Cost			33,104
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Vehicles						
Equipment	4,500					4,500
Total	4,500					4,500


Funding Sources						
Capital Fund						
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund						
Vehicle Fund	4,500					4,500
Other						
Other - Vendor Financed						
Total	4,500					4,500

Operational Impact/Other

Operational Impact/Other

The Police Department's squad cars are used to perform day-to-day operations. The vehicle has reached its useful lifespan and requires replacement. In order to keep vehicles from becoming used beyond repair or having no salvage value, it is crucial to have this vehicle replaced as it has reached Condition III criteria of 26.

The 2014 Chevy Equinox that is being replaced will be used for trade in or resale if possible. The vehicle will be scrapped if it is determined there is no resale value.

Project Information		Project Snapshot
Project Name	Police Vehicles, Squad 33	
Account #		
Location	3355 Wooley Road	
Department	Police	
Category	Vehicles/Equipment	
New to CIP	No	
Prepared BY	Chief Jason Bastin	
Useful Life	4-5 Years	

Description

Ford Police Interceptor Explorer SUV Traffic Vehicle

Justification

The Oswego Police Department uses its squad cars on a daily basis for patrol operations. This vehicle needs to be replaced having passed its life expectancy of 4-5 years and having met the criteria for squad replacement.

Squad T-1 - 2014 Ford Sedan Interceptor with 94,373 miles as of 9/6/23. This vehicle is proposed to be replaced with a 2024 Ford Interceptor Explorer SUV. It is anticipated this vehicle will be purchased in March 2024 and will be outfitted and deployed in the transition year.

Prior Year Cost	49,455		Total Project Cost			78,605
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Vehicles						
Equipment	29,150					29,150
Total	29,150					29,150


Funding Sources						
Capital Fund						
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund						
Vehicle Fund	29,150					29,150
Other						
Other - Vendor Financed						
Total	29,150					29,150

Operational Impact/Other

Operational Impact/Other

The Police Department's squad cars are used to perform day-to-day operations. The vehicle has reached its useful lifespan and requires replacement. In order to keep vehicles from becoming used beyond repair or having no salvage value, it is crucial to have this vehicle replaced as it has reached Condition IIV criteria of 31.

The 2014 Ford Sedan Interceptor that is being replaced will be used for trade in or resale if possible. The vehicle will be scrapped if it is determined there is no resale value.

Project Information		Project Snapshot
Project Name	PW Fuel Tanks	
Account #		
Location	100 Theodore Drive - Public Works Facility	
Department	Public Works	
Category	Facilities	
New to CIP	No	
Prepared BY	Kerry Behr	
Useful Life	20 Years	

Description

Relocate Public Works facility's fueling station and replace current tanks with new, higher capacity tanks. Install modern fuel monitoring system and canopy. The project includes electrical connection and approximately 5,000 sq.ft. of asphalt pavement.

Justification


The fuel tanks at the Public Works Facility are aging and will need to be refurbished or replaced in the near future due to corrosion. Existing tank capacities are too small for the level of operations, and the location is difficult for longer trucks to maneuver, particularly when plows are attached. A canopy over the tanks will allow for safer conditions during the winter. The fueling station will be outside the fenced area, made available to all Village vehicles around the clock, and include new tanks with higher capacities. A key-card management system would be used to monitor fueling operations, including consumption and maintenance intervals for each vehicle. The new station reflects community growth, and will streamline both normal and emergency operations. This project was deferred in FY '21 due to budget concerns related to COVID-19

Prior Year Cost			Total Project Cost		175,000	
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Maintenance						
Engineering	25,000					25,000
Construction		150,000				150,000
Total	25,000	150,000				175,000

Funding Sources						
Capital Fund						
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund						
Vehicle Fund	25,000	150,000				175,000
Other						
Other - Vendor Financed						
Total	25,000	150,000				175,000

Operational Impact/Other

The proposed modifications of the fueling station will increase safety, provide better access, and generally make truck operations more efficient within Public Works. Relocation will allow other departments to access the fuel pumps as needed, 24/7. The fuel management system will allow for more efficient fleet operations by monitoring fuel tank levels, fuel consumption per vehicle, and maintenance intervals. Operational savings will be reported once the system is in use and can be measured.

Project Information		Project Snapshot
Project Name	2023 Swap Loader	
Account #		
Location		
Department	Public Works	
Category	Vehicles/Equipment	
New to CIP	Yes	
Prepared BY	A.Bavuso	
Useful Life	15 Years	

Description

The purchase of a 2023 truck with a swap loader chassis.

Justification

Purchase of a swap loader truck chassis and attachments. The vehicle would be designed specifically for public works year-round day to day operations. With that said, the initial purchase comes equipped with two attachments including a 12-yard dump box for material hauling, 11' snow plow and a 8.5-yard V-Box for road salting capabilities.

Additional equipment can be purchased in the future upon board approval and the needs of the Village. This may include but not limited to anti-ice road pre-wet system, sewer vacuum and leaf vacuum. Also, the attachments can be shared with other municipalities who own a similar vehicle in the event of an emergency or a sharing agreement.


Leaf Vac Attachment \$90,000 included in the estimated cost.

Prior Year Cost			Total Project Cost			515,000
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Vehicles	515,000					515,000
Total	515,000					515,000

Funding Sources						
Capital Fund						
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund						
Vehicle Fund	515,000					515,000
Other						
Other - Vendor Financed						
Total	515,000					515,000

Operational Impact/Other

The purchase of the this vehicle would improve the overall seasonal operations. The leaf vac attachment would condense the normally three to four man operation to one man as the suction hose will be operated by a joystick from the driver's seat. Also, attachments can be quickly changed over from leaf collection to snow removal with just the vehicles operator in the event of a early season snow event. This eliminates vehicle downtime while equipment is changed over by shop personal. Additionally, the chassis is capable of holding 1800 gallon brine tank of liquid brine solution for anti-ice operations. If purchased in addition to the other attachments, this will eliminate frequent trips to the brine filling station located at the public works building. By doing this will eliminate fuel consumption and man hours with more on-road time. This vehicle will be added to the existing fleet.

Project Information		Project Snapshot
Project Name	PW19 5-Yard Dump Truck Replacement	
Account #		
Location		
Department	Public Works	
Category	Vehicles/Equipment	
New to CIP	Yes	
Prepared BY	A.Bavuso	
Useful Life	15 Years	

Description

2023 Truck with Dump Body, Plow, Anti Ice Tanks and Salt Spreader

Justification


This vehicle will be capable of moving large amounts of snow during the winter months as well as providing essential day to day PW operations year round. The vehicle can be used for several village tasks such as hauling snow, salt and dirt as well as any other type of earth materials that is required for village operations. This vehicle replaces a 2008 Sterling L8500 that is suffering extensively with corrosion issues. The vehicle has suffered extensively from corrosion over the years and will require major repairs in the future. Because Sterling Trucks are no longer manufactured, parts are difficult or non-existent to locate and purchase. Replacement is highly recommended! Current Vehicle Rating of 30 (High priority replacement)

Prior Year Cost			Total Project Cost			300,000
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Vehicles	300,000					300,000
Total	300,000					300,000

Funding Sources						
Capital Fund						
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund						
Vehicle Fund	300,000					300,000
Other						
Other - Vendor Financed						
Total	300,000					300,000

Operational Impact/Other

We propose to replace the PW's aging no longer manufactured Sterling trucks with new, multi purpose trucks capable of being utilized year round. The new trucks will be upfitted with Force salt controls as well as automated plow directional controls. This will provide safer operation and less driver fatigue. Currently, PW19 serves the Village as a 5-yard dump truck used for year round operations including snow removal. The existing truck will be sold on a government auction website.

Project Information		Project Snapshot
Project Name	PW108 Water Utility Truck Equipment Install	
Account #		
Location		
Department	Public Works	
Category	Vehicles/Equipment	
New to CIP	Yes	
Prepared BY	A.Bavuso	
Useful Life	20 Years	

Description

Furnish and Install Equipment PW108

Justification


Furnish and install equipment in the recently purchased 2021 Freightliner MT45 Step Van. This vehicle is used by the Utilities Division for utility repair. The vehicle is in need of onboard equipment such as hydraulic pump for operating hydraulic tools, jack hammers and other tools. Additionally, lighting and organizational storage will be installed.

Prior Year Cost	102,250		Total Project Cost			222,250
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Vehicles	120,000					120,000
Total	120,000					120,000

Funding Sources						
Capital Fund						
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund						
Vehicle Fund	120,000					120,000
Other						
Other - Vendor Financed						
Total	120,000					120,000

Operational Impact/Other

Installation of additional tools and equipment will make this vehicle response ready eliminating unnecessary time spent loading certain tools on to a truck. The onboard storage will also safely secure large tools and equipment eliminating potential theft.

Project Information		Project Snapshot
Project Name	PW127-1/2 Ton Pick-Up Truck Replacment	
Account #		
Location		
Department	Public Works	
Category	Vehicles/Equipment	
New to CIP	Yes	
Prepared BY	A.Bavuso	
Useful Life	15 Years	

Description

2025 Cab and Chassis w/Utility Body

Justification

The vehicle being replaced is a 2006, F250, two wheel drive extended cab pick-up truck with a vehicle score of 32 (qualifies for replacement). Due to the the current condition, we propose to replace the vehicle in 2024. The vehicle will replace PW127 that is currently being used as the Village's sign truck. The new vehicle will be upfitted with a utility box designed specifically for street sign installation as well as the necessary tools required. In addition to a utility box, the vehicle will be upfitted with a strobe light package, two-way radio and hydraulic powered post pounder.

Prior Year Cost			Total Project Cost			150,000
Expenditures	5/1/24-12/31/24	CY'25	CY'26	CY'27	CY'28 or >	Total
Equipment	150,000					150,000
Total	150,000					150,000

Funding Sources						
Capital Fund						
TIF Fund						
MFT Fund						
Water & Sewer Cap Fund						
Vehicle Fund	150,000					150,000
Other						
Other - Vendor Financed						
Total	150,000					150,000

Operational Impact/Other

The vehicle will be designed for the installation of street signs with all tooling stowed, locked and organized within the vehicles tool boxes. This will allow more man hours towards sign replacement, repair and installation of new signs vs loading and unloading tools and materials daily. Additionally, the hydraulic post pounder will eliminate the possibility of injury as you will not need to use a sledge hammer. The vehicle it is replacing would be sold on a government auction website.